

" HEALWELL "

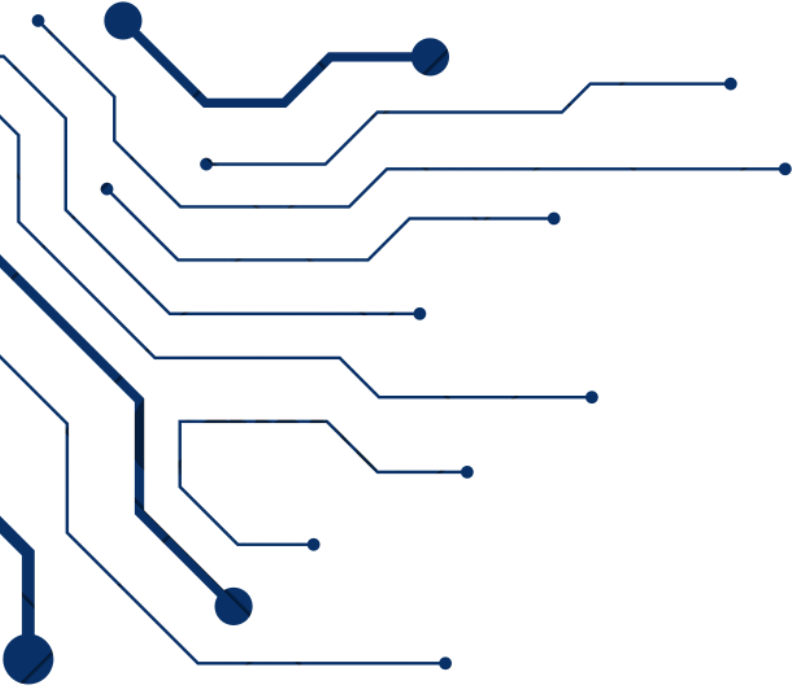
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TABLE OF CONTENT

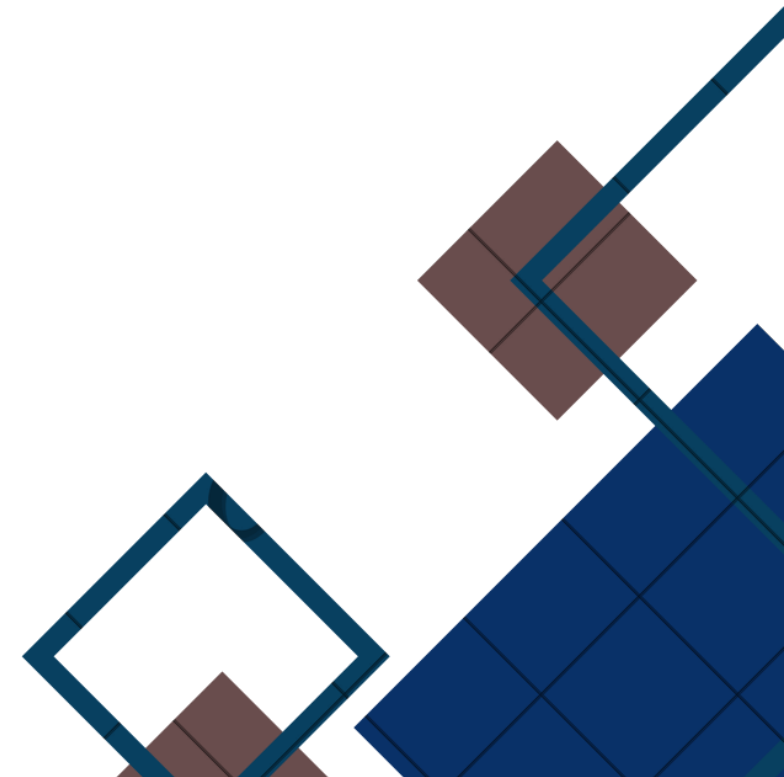
- INTRODUCTION
- OBJECTIVE
- WORKFLOW
- FUNCTIONAL & NON-FUNCTIONAL REQUIREMENTS
- TOOLS USED



INTRODUCTION



In an era where mental health is a growing concern, "HealWell" is a website that aims to provide a safe and supportive online platform for individuals seeking guidance, assistance, and resources related to their mental well-being.



OBJECTIVE

The primary objective of the "HealWell" website is to provide a user-friendly, secure, and accessible online environment that addresses mental health challenges and stress management.

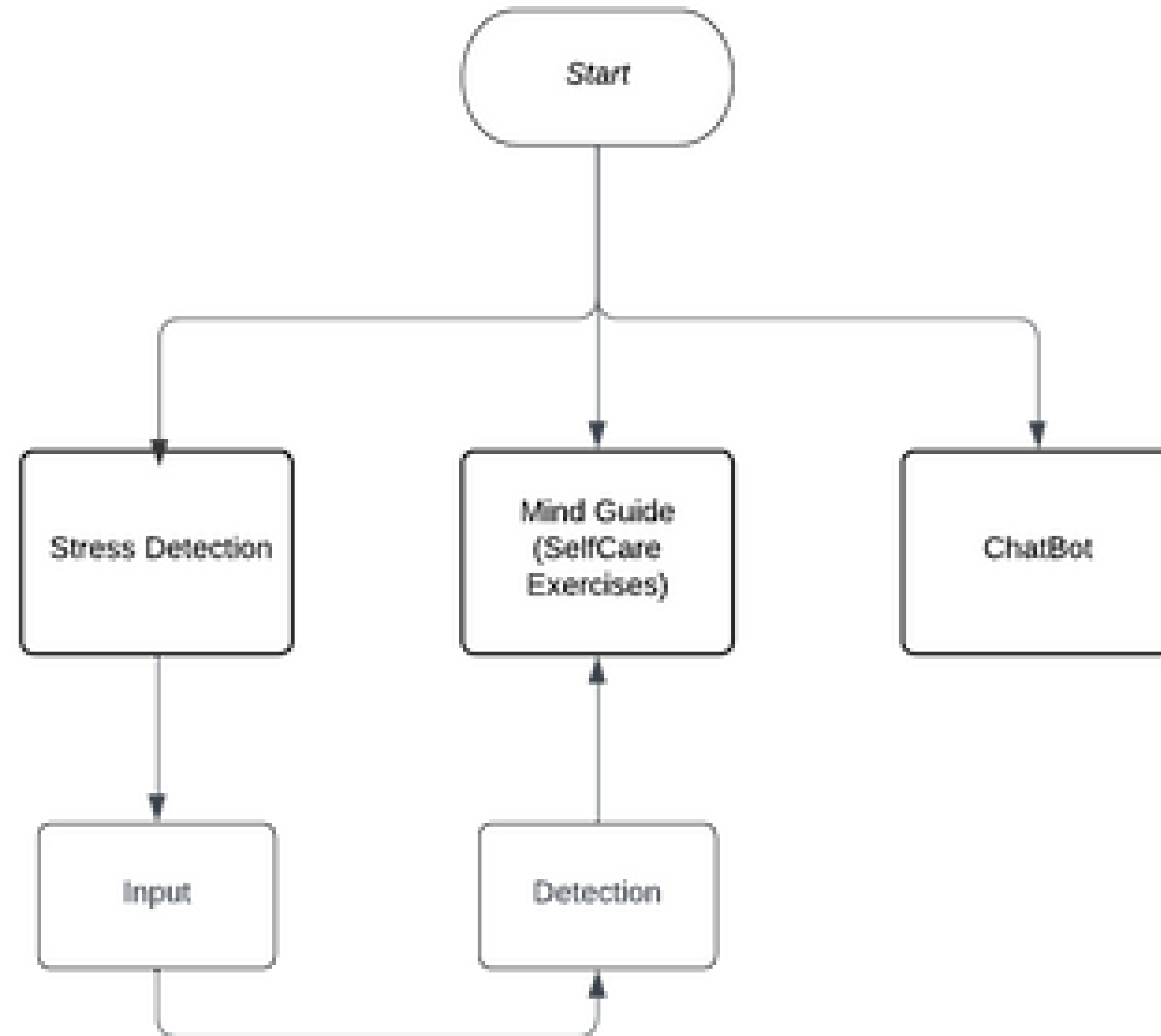


OBJECTIVE:

The specific, measurable, achievable, relevant, and time-bound (SMART) objectives are as follows:

- **Anonymity and Confidential Support**
- **Stress Detection and Management**
- **Accessible Information and Resources**

WORKFLOW



FUNCTIONAL REQUIREMENTS

1. Chatbot:

- Anonymity: Users should be able to engage in anonymous conversations with the chatbot.
- Mental Health Support: The chatbot should provide guidance and support for various mental health concerns.

2. Stress Detector:

- Input Analysis: The stress detector should analyze user inputs to assess stress levels.
- Feedback: Provide feedback and suggestions to help users manage stress effectively.

3. Self-Help Exercises:

- Articles: Provide informative articles and self-help exercises related to mental health.

Non-Functional Requirements:

- **Security:** Data privacy and security are paramount, ensuring all user interactions and data are encrypted and protected.
- **Performance:** The website should load quickly and respond promptly to user actions.



TECHNOLOGIES USED:

- **Front-end Development:** HTML, CSS and JavaScript for creating the user interface and ensuring a responsive design.
- **Back-end Development: Framework:** Django.
 1. **RESTful API:** Django Rest Framework.
 2. **Machine Learning Integration:** TensorFlow.
 3. **Chatbot Integration:** Using Django views and URL patterns.
- **Colab Notebook :** Python for building the machine learning components of the chatbot and stress detector.



THANK YOU !